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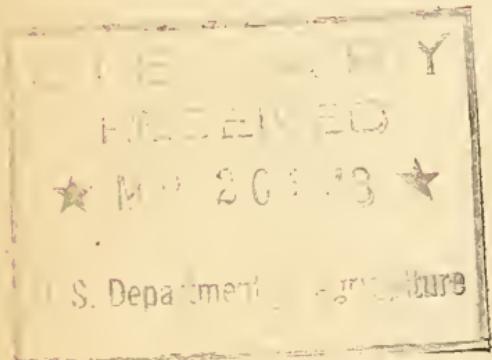
# CONTINUATION STUDY

1  
Ag854C

*For Federal Employees*

Spring Semester, 1942-43

Beginning February 1



UNITED STATES  
U.S. DEPARTMENT OF AGRICULTURE  
**GRADUATE SCHOOL**



# 38CA13

## COURSES OFFERED

This is merely a list of courses offered in the spring semester, beginning February 1, 1943. For complete details about the School and about the courses

Write for

### BULLETIN OF INFORMATION AND COURSES

USE FORM ON PAGE 5

Please do not telephone

The Bulletin will give you complete information.

**NOTE:** Courses in *light-face* type are offered cooperatively by The American University.

### MATHEMATICS AND STATISTICS

**Review of Mathematics**—Emil Schell. Tu. 6-9. \$18.

**Trigonometry and Analytic Geometry**—A. George Carlton. M. 6-8. \$12.

**Calculus**—Dr. E. J. Finan. W.-F. 6-7:30. \$18.

**Statistical Mechanics and Kinetic Theory of Gases**—Dr. Ferdinand G. Brickwedde. Tu. 8-10. \$14.

**Linear Algebra**—M. A. Girshick. M. 7-9. \$14.

**Theory of Infinite Processes**—Dr. C. Winston. W. 8-10. \$14.

**Operation of Statistical Studies**—Howard Brunsman, Dr. Philip M. Hauser and Staff. W. 7-10. \$21.

**Statistical Clinic**—Morris H. Hansen, M. A. Girshick, and Staff. Tu. 8-10. \$14.

**Survey of Statistics**—Joseph Steinberg. Th. 6:30-9:30. \$18.

**Graphic Methods for Presenting Statistical Data**—R. G. Hainsworth. M. 6-9. \$12.

**Elementary Statistics**—Dr. Archie Blake. Th. 6-8. \$12.

**Introduction to Statistical Analysis (1st half)**—Dr. Benjamin J. Tepping. Th. 8-10. \$12.

**Introduction to Statistical Analysis (2d half)**—C. M. Purves and Sidney W. Wilcox. Th. 6-8. \$12.

**Machine Tabulation**—Milton Kaufman. W. 7-9. \$9.

**Advanced Study of Tabulating Equipment**—Milton Kaufman. F. 7-9. \$9.

**Statistical Methods for Research Workers**—Dr. William G. Madow and William Hurwitz. W. 8-10. \$14.

**Selected Statistical Problems**—Dr. John H. Smith. F. 6-8. \$14.

**Interpretation of Statistical Calculations**—Alexander Sturges. M. 6-8. \$14.

**Statistical Analysis of Economic and Social Problems**—Milton Friedman. Tu. 8-10. \$14.

**Theory of Sampling**—Jerome Cornfield and W. D. Evans. Th. 6-8. \$14.

**Sampling in Social and Economic Surveys**—J. Stevens Stock and Lester R. Frankel. Th. 6:15-9:15. \$21.

**Labor Statistics—A Quantitative Approach to Labor Economics**—Dr. Jacob Perlman. Th. 8:15-10:25. Audit \$24. Credit \$30.

**Statistical Field Studies**—Howard B. Myers. M. 8:15-9:30 and Tu. 6-8. Audit \$24. Credit \$30.

### PHYSICAL SCIENCES

**Navigation**—John T. Lokerson. F. 6:30-9:30. \$18.

**Piloting**—Dr. Raymond Hann. F. 7:30-10:30.

**General (Inorganic) Chemistry**—Dr. L. A. Goldblatt. F. 6-8. \$12.

**Advanced Organic Chemistry**—C. Verne Bowen. Tu. 6-8. \$12.

**Physical Chemistry**—Dr. Walter J. Hamer. Tu. 6-8. \$12.  
**Physiological Chemistry**—Dr. Herbert O. Calvery. W. 6-8. \$14.  
**Electrochemistry**—Dr. Walter J. Hamer. F. 6-8. \$14.  
**Advanced Physical Metallurgy**—Dr. Blake M. Loring. W. 8-10. \$14.  
**Engineering Alloys**—Dr. Blake M. Loring. M. 8-10. \$14.  
**Elementary Meteorology**—Garrett De Mots.  
Section I—M. 6-8. Section II—W. 6-8. \$12.  
**Physical and Synoptic Meteorology (1st half)**—Alexander Shands. M. 6-8. \$12.  
**Physical and Synoptic Meteorology (2d half)**—Alexander Shands. Tu. 6-8. \$12.  
**Comparative Meteorology and Oceanography**—Woodrow C. Jacobs and David I. Blumenstock. W. 6-8. \$12.  
**Elementary Statistical Analysis for Meteorologists**—Herbert C. S. Thom. W. 6-8. \$14.  
**Weather Analysis and Forecasting**—A. K. Showalter and C. H. Pierce.  
Section I—Tu. 6-9 and Th. 6-7. \$21 plus \$3 laboratory fee.  
Section II—Th. 6-7 and F. 6-9. \$21 plus \$3 laboratory fee.  
**Dynamic Meteorology**—Dr. Martin A. Garstens. W.-F. 6-7:30. \$21.  
**Introductory Physics**—Dr. Ralph B. Kenard. Tu.-F. 6:30-8:30. \$18.  
**Soils: Their Morphology, Genesis, and Classification**—Dr. Charles E. Kellogg. Tu.-Th. 6-7:30. \$21.

## ENGINEERING AND MECHANICAL ARTS

**Naval Architecture**—Charles L. Wright, Jr. Tu. 6-8. \$12.  
**Ship Construction**—Charles L. Wright, Jr. Th. 6-8. \$12.  
**Applied Aerodynamics**—W. E. Koneczny. M. 6-8. \$12.  
**Airplane Stress Analysis**—W. E. Koneczny. Tu. 6-8. \$12.  
**Aircraft Power Plants**—Elmer J. Briggs, Chairman. Tu. 6-8. \$12.  
**Architectural Drawing**—George L. Edick. Tu.-Th. 6-8. \$20.  
**Mechanical Drawing**—George L. Edick. Tu.-Th. 6-8. \$20.  
**Pencil Sketching and Freehand Drawing**—Walter G. Cadmus, Jr. M.-W. 6-8. \$15.  
**Effective Foremanship**—Samuel L. Holston. M 6-8. \$12.  
**Glass Blowing**—Leland B. Clark. M-W 6-7:30. \$18.  
**Textile Design and Fabric Development**—Stanley A. Sokoloff. M-W 8-9:30. \$18.  
**Surveying**—E. J. Schlatter. Tu-Th 6-8. \$24.  
**Aerial Photogrammetry**—Reynold E. Ask. M-W 6-8. \$18.

## UTILITY ADMINISTRATION AND REGULATION

**Public Power**—Judson King, Dr. H. W. Blalock, and Dr. C. A. Duval. Tu 7:30-9:30. \$14.  
**Water Power Engineering**—Kenneth W. Ross. M-W 6-7:30. \$21.  
**Electric Utility Engineering**—J. M. Morgan and Dr. J. A. Jessel. Tu 7:30-9:30. \$14.

## BIOLOGICAL SCIENCES

**Food, Nutrition, and Health**—Elizabeth Callison. Th 6-8. \$12.  
**Systematic Botany**—Dr. S. F. Blake. M 6-8. \$12.  
**History of Science**—Dr. Paul R. Heyl. W 6-8. \$12.  
**Some Fundamentals of Landscape Design**—F. L. Mulford. F 6-8. \$12.  
**Medical and Veterinary Entomology**—Dr. F. C. Bishopp. Tu 6-8. \$14.

## SOCIAL SCIENCES

**The Anthropology of Global Warfare**—Dr. Earl H. Bell. M 6-8. \$12.

**Evolution of Ideas**—Dr. Mark Graubard. W 6-8. \$12.

**Principles of Economics**—Dr. F. L. Thomsen. Tu-Th 6-7:30. \$18.

**Economic Warfare**—Dr. Max J. Wasserman. Tu-Th 6-7:30. \$18.

**Farm Labor Problems**—Dr. William T. Ham. M-W 6-7:30. \$21.

**Labor and Social Legislation**—Dr. David Ziskind. M 8-10:30. \$21.

**Settlement of Labor Disputes**—Dr. David Ziskind. W 8-10:30. \$21.

**Comparative Agriculture**—Clayton E. Whipple. Tu-Th 6-7:30. \$21.

**Farm Management**—Dr. Sherman E. Johnson and Dr. Wylie D. Goodsell. M-W 6-7:30. \$21.

**Cotton Marketing**—Dr. John W. Wright. M-W 6-7:30. \$21.

**Principles of Agricultural Marketing**—Richard O. Been and Specialists. W 6-8. \$14.

**History of Economic Thought**—Dr. Max J. Wasserman. M-W 6-7:30. \$21.

**Economics of Imperfect Competition**—Dr. Michael T. Wermel. W 6:30-9:30. \$21.

**World Politics**—Dr. W. M. Gewehr. Tu 6-8. \$12.

**Recent American History**—Dr. W. M. Gewehr. Th 6-8. \$12.

**Problems of International Organization**—Dr. Albert Viton. Time to be announced.

**Latin America and the United States**—Philip Leonard Green. Th 8-10. \$14.

**La America Latina y los Estados Unidos**—Philip Leonard Green. M 8-10. \$14.

**Regional Social Structure of the Americas**—Dr. Charles P. Loomis. M 6-8. \$14.

**Money and Banking**—Dr. Amos E. Taylor. M 6-8:10. Audit \$24. Credit \$30.

**Basic Problems in Transportation and Communication**—Dr. Ludwig M. Homberger. W 8:15-10:25. Audit \$24. Credit \$30.

**Economic Geography and Transportation of Latin America**—Dr. Ludwig M. Homberger. M 8:15-10:25. Audit \$24. Credit \$30.

**International Economic Policies in Transition**—Dr. Adolph B. Drucker. M 8:15-10:25. Audit \$24. Credit \$30.

**The Struggle Against Inflation**—Dr. Fritz Karl Mann. Tu 6-8:10. Audit \$24. Credit \$30.

**Problems of the Post-War World**—Dr. George B. Galloway. M 8:15-10:25. Audit \$24. Credit \$30.

**Analysis of Methods of Economic Reasoning**—Dr. Karl Pribram. Tu 8:15-10:25. Audit \$24. Credit \$30.

**Agricultural Economics**—Dr. O. C. Stine. M 6-8:10. Audit \$24. Credit \$30.

**Economic Theory**—Dr. Howard S. Piquet. Th 8:15-10:25. Audit \$24. Credit \$30.

**Contemporary Economic Thought**—Dr. Howard S. Piquet. Th 6-8:10. Audit \$24. Credit \$30.

**International Population Problems**—Dr. Frank Lorimer. F 6-8:10. Audit \$24. Credit \$30.

## LANGUAGE AIDS

**Composition and Rhetoric**—Dr. Susan E. Harman. Th 6-8. \$12.

**Descriptive English Grammar**—Dr. Susan E. Harman. M 6-8. \$12.

**Effective Speaking**—Hester Beall Provensen. Tu 6-8. \$12.





**Voice and Remedial Speech**—Richard R. Hutcheson. Tu 6-8.  
\$15.

**Creative Writing**—DeWitt C. Wing. Th 6-8. \$12.

**Editing**—Dr. M. C. Merrill and Specialists. M-W 6-7:30. \$18.

**Writing for Official Purposes**—Arthur P. Chew. F 6-8. \$12.

**Chinese**—Dr. I-Mein Tsiang. Tu-Th 6-8. \$24.

**Elementary Dutch**—Henri A. Kuyper. Th 6-8. \$12.

**Elementary French**—Dr. Harry B. Humphrey. M-W 6-7:30. \$18.

**Advanced French**—Dr. Harry B. Humphrey. Tu-Th 6-7:30. \$18.

**Elementary German**—Dr. C. H. Leineweber. M 6-9. \$18.

**Advanced German**—Dr. C. H. Leineweber. W 6-9. \$18.

**German Translation**—Ira T. Braunstein. W 6-8. \$12.

**Elementary Italian**—Instructor to be announced. Tu 6-9. \$18.

**Second Semester Portuguese**—Dr. Raul d'Eca. Tu-Th 6-7:30.  
\$18.

**Elementary Russian (First Semester)**—George M. Saharov. Th  
6-9. \$18.

**Elementary Russian (Second Semester)**—George M. Saharov.  
Section I—M 6-9. Section II—Tu 6-9. \$18.

**Intermediate Russian**—George M. Saharov. W 6-9. \$18.

**First Semester Spanish**

Section I—Gustavo Duran. M 6-9. \$18.

Section II—Dr. Manuel de J. Sainz. Tu 8-10. \$12.

Section III—Dr. Marjorie C. Johnston. W 6-8. \$12.

**Second Semester Spanish**

Section I—Olivia Russell. M 6-9. \$18.

Section II—Dr. Manuel de J. Sainz. W 8-10. \$12.

Section III—Ruberta M. Olds. W 6-8. \$12.

**Third Semester Spanish**—Dr. Madaline W. Nichols. F 6-8. \$12.

**Fourth Semester Spanish**—Ruberta M. Olds. Th 6-9. \$18.

**Spanish Conversation and Literature**—Edmundo Lassalle. Th  
6-8. \$12.

## PUBLIC ADMINISTRATION

**Introduction to Public Administration**—Instructor to be an-  
nounced. W-F 6-7:30. \$18.

**Scientific Management**—Francis Goodell. Time to be an-  
nounced.

**Organizational and Procedural Analysis**—Comdr. Joseph Pois.  
Time to be announced.

**Personnel Administration (undergraduate)**—Edward N. Tisdale.  
M 6-8. \$12.

**Personnel Administration (graduate)**—Louis J. Kroeger. M 6-8.  
\$14.

**Position Classification (undergraduate)**—Robert L. Hill. F 6-8.  
\$12.

**Advanced Position Classification**—James L. Buckley. M 6-8.  
\$14.

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**War-Time Training Problems**—C. O. Henderson and Dr. Lewis H. Rohrbaugh. F 6-8. \$14.

**Selection and Placement**—Arthur B. McLean. Tu 6:30-9:30. \$21.

**Employee Relations**—Dr. Ward Stewart. M 6:30-8:30. \$14.

**Budgetary and Financial Administration: Budget Execution**—W. A. Jump and Specialists. Th 6-8. \$14.

**Governmental Purchasing**—Samuel A. Snyder. F 6-8. \$14.

**Principles of Accounting (1st half)**—William H. Rowe and Albert N. Greenfield. M-W 6-7. Laboratory M 7-9. \$18.

**Principles of Accounting (2d half)**—John F. McShea, W. E. Campbell and William K. Brownold. Tu-Th 6-7. Laboratory Tu 7-9. \$18.

**Second Year Accounting**—Dr. Allan J. Fisher. F 6-9. \$18.

**Federal Government Accounting**—W. R. Quigley. W 6-9. \$18.

**Auditing**—John J. Bachmann. Tu 6-9. \$21.

**Principles of Managerial Accounting**—B. E. Goetz. Th 6-8:10. Audit \$24. Credit \$30.

**The Accounting System of the United States Government**—E. F. Bartelt. Tu 8:15-10:25. Audit \$24. Credit \$30.

## OFFICE SKILLS

**Office Management**—Daniel M. Braum. F 6-8. \$12.

**Federal Auditing Procedure**—Carey G. Cruikshank and Fred J. Kyttle. W 6-8. \$12.

**Auditing Procedure**—Carey G. Cruikshank. M 6-8. \$12.

**Federal Accounting Procedure**—William D. Patrick and Lester Frank.  
Section I—Tu 6-8. Section II—F 6-8. \$12.

**Personnel Procedure**—Verna C. Mohagen. F 6-8. \$12.

**Communications and Records Management**—L. E. Donaldson, William Muller and Charles T. Smith. Tu-F 6-7:30. \$12.

**Practical English Usage**—Helen Williams. Tu 6-8. \$12.

**Vocabulary Building**—Sallie M. Pease. Th 6-8. \$12.

**Government Letter Writing**—Verne L. Samson. Tu 6-8. \$12.

**Workshop in Letter and Report Writing**—Dr. George L. White. M 6-8. \$12.

**Secretarial Practices**—Lowell Hattery. Tu 6-8. \$12.

**Advanced Secretarial Practices**—Alice Coffman. W 6-8. \$12.

**Beginning Gregg (Functional)**—Dr. Marion M. Lamb.  
Section I—M-Tu-Th 6-7. \$18.  
Section II—M-Tu-Th 7-8. \$18.

**Intermediate Gregg (Functional)**—Instructor to be announced.  
Section I—M-Tu-Th 6-7. \$18.  
Section II—M-Tu-Th 7-8. \$18.

**Gregg, 70 to 100 Words**—Alice Coffman. Tu-Th 6-7. \$12.

**Gregg, 100 to 130 Words**—Clara E. Richter. M-W 6-7. \$12.

**Pitman, 70 to 100 Words**—Louise C. Barry. Tu 6-8. \$12.

**Pitman, 100 to 130 Words**—Louise C. Barry. F 6-8. \$12.

**Reporting, 130 to 150 Words**—Clara E. Richter. M-W 7-8. \$12.

**Advanced Reporting, 150 Words and Up**—Clara E. Richter. M-W 7-8:30. \$12.

**Advanced Shorthand in Spanish**—Grace M. Bauer. Tu 6:30-8:30. \$12.

## SPECIAL COURSES

**The Classics (St. John's College Program)**—Tu 8-10. \$15.

**Extension Thesis**—Meredith C. Wilson. Hours to be arranged. \$3.

**Interior Decoration**—Harriet Garrels. W 6-7. \$6.

**Mexican Culture**—Edmundo Lassalle. W 6-8. \$12.

**Personal Development**—Hester Beall Provensen. W 6-8. \$12.